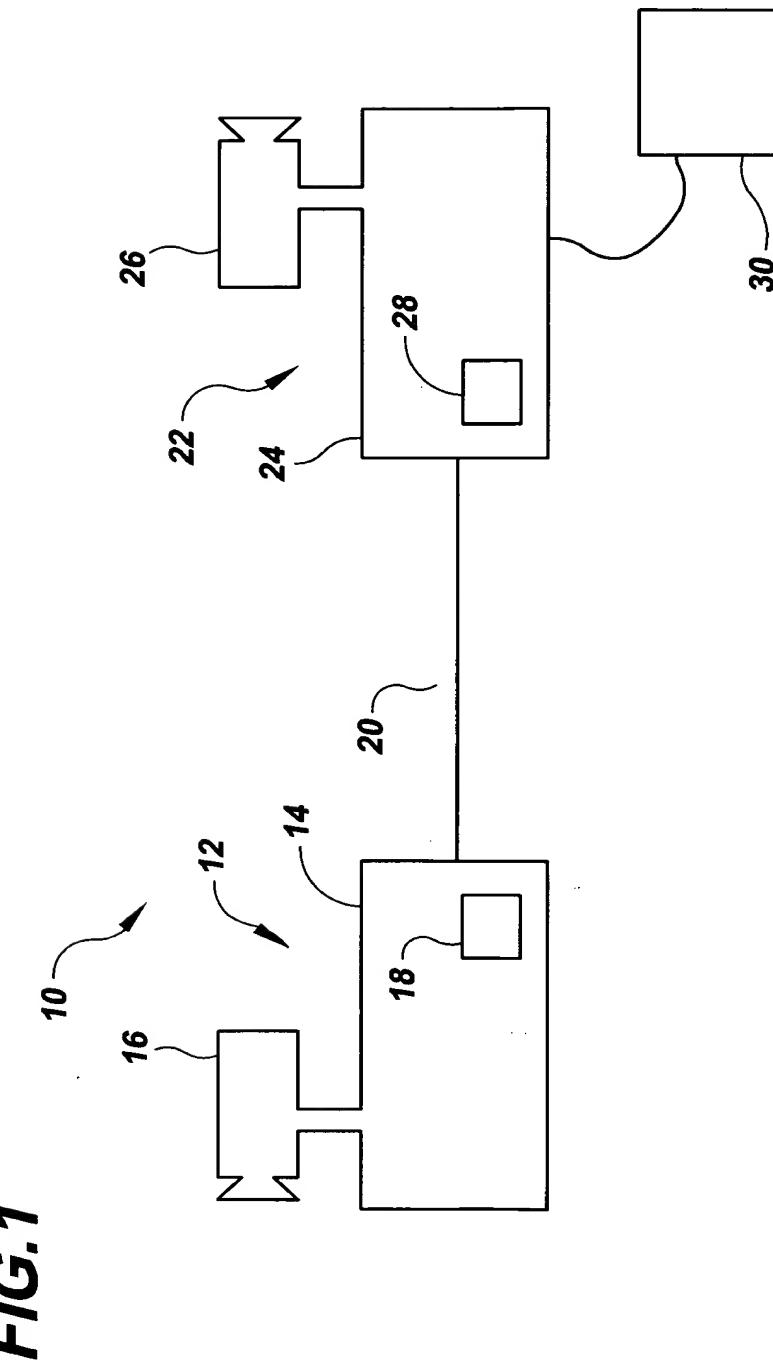




Crawford Maunu PLLC 651-686-6633
Inventor(s): HELMAN *et al.*
Docket No.: 8X8S.219PA
Serial No: 09/668,974

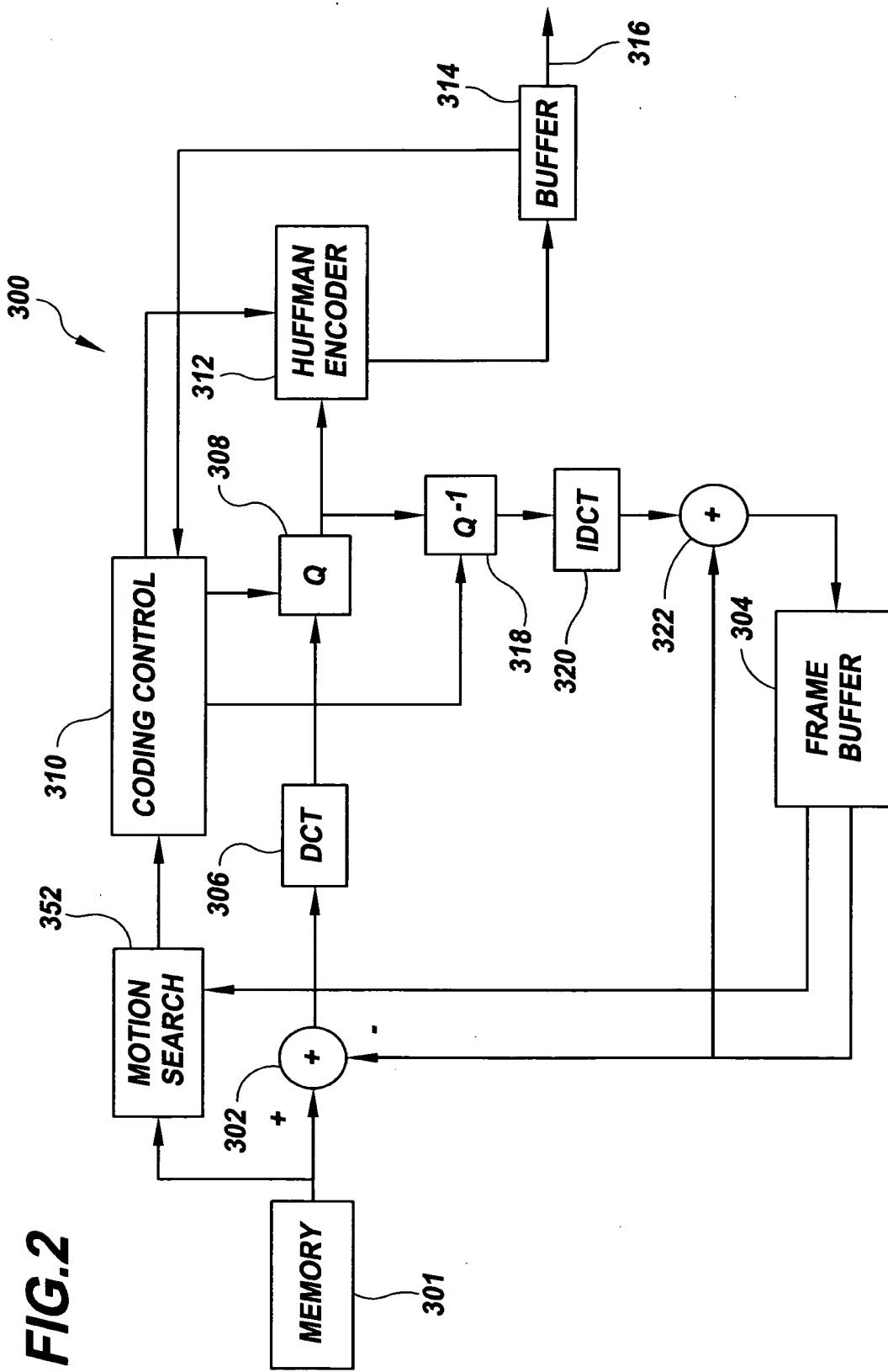
1/5





Crawford Maunu PLLC 651-686-6633
Inventor(s): HELMAN *et al.*
Docket No.: 8X8S.219PA
Serial No: 09/668,974

2/5

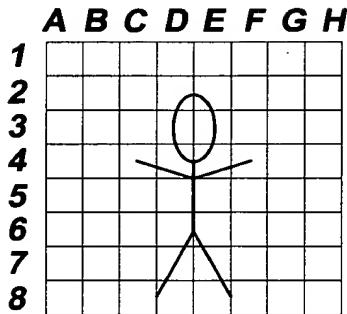


O I P E
DEC 20 2004
PATENT & TRADEMARK OFFICE

Crawford Maunu PLLC 651-686-6633
Inventor(s): HELMAN *et al.*
Docket No.: 8X8S.219PA
Serial No: 09/668,974

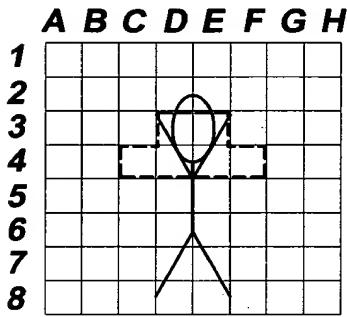
3/5

FIG.3A



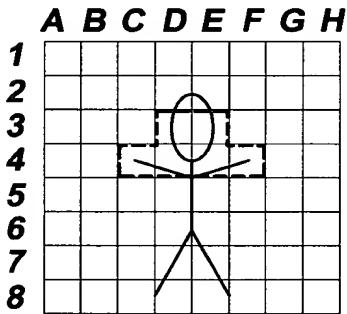
FRAME 0 (INITIAL FRAME)
SELECT INITIAL QUANTIZATION LEVEL
CODE ALL BLOCKS

FIG.3B



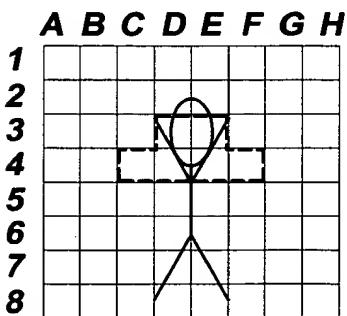
FRAME 1
SELECT QUANTIZATION RANGE FOR CODING CHANGED BLOCKS
CODE THE CHANGED BLOCKS:
2D-E, 3D-E, 4C-F
SKIP THE OTHER BLOCKS AND TRACK THE SKIPPED BLOCKS
SKIPPED BLOCKS = {1A-H, 2A-C, 2F-H, 3A-C, 3F-H, 4A-B, 4G-H, 5A-H, 6A-H, 7A-H, 8A-H}

FIG.3C



FRAME 2
SELECT QUANTIZATION RANGE FOR CODING CHANGED BLOCKS
CODE THE CHANGED BLOCKS:
2D-E, 3D-E, 4C-4
SKIP THE OTHER BLOCKS AND TRACK THE SKIPPED BLOCKS
SKIPPED BLOCKS = {1A-H, 2A-C, 2F-H, 3A-C, 3F-H, 4A-B, 4G-H, 5A-H, 6A-H, 7A-H, 8A-H}

FIG.3D



FRAME 3
SELECT QUANTIZATION RANGE FOR CODING SKIPPED BLOCKS
CODE THE PREVIOUSLY SKIPPED BLOCKS:
1A-H, 2A-C, 2F-H, 3A-C, 3F-H, 4A-B, 4G-H, 5A-H, 6A-H, 7A-H, 8A-H

FIG.4

4/5

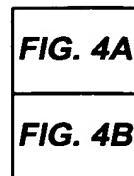


FIG.4A

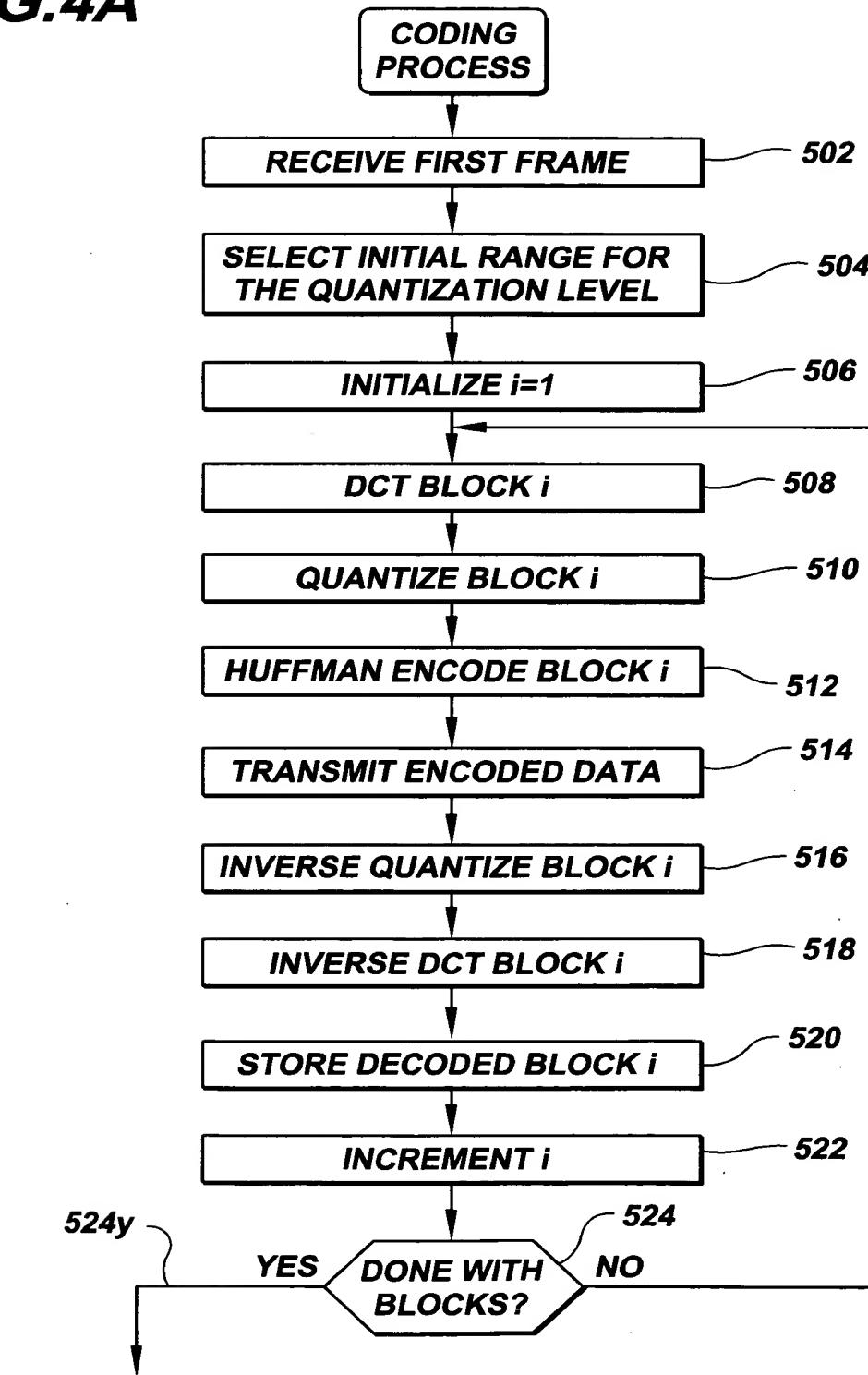




FIG.4B

